

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. MES/002 CON	SERIAL NO.
	APPLICANT Michael E. Shanahan	
	FILING DATE June 10, 2003	GROUP <u>2686</u>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>  </u>	5,479,510	12/26/95	Olsen et al.	380	24	<u>  </u>
<u>  </u>	5,481,599	01/02/96	MacAllister et al	379	101	<u>  </u>
<u>  </u>	5,483,580	01/09/96	Brandman et al.	379	88	<u>  </u>
<u>  </u>	5,483,581	01/09/96	Hird et al.	379	132	<u>  </u>
<u>  </u>	5,485,370	01/16/96	Moss et al.	364	408	<u>  </u>
<u>  </u>	5,486,686	01/23/96	Zdybel, Jr. et al.	235	375	<u>  </u>
<u>  </u>	5,487,671	01/30/96	Shapiro et al.	434	185	<u>  </u>
<u>  </u>	5,490,210	02/06/96	Sasso	379	100	<u>  </u>
<u>  </u>	5,490,251	02/06/96	Clark et al.	395	200.2	<u>  </u>
<u>  </u>	5,499,288	03/12/96	Hunt et al.	379	88	<u>  </u>
<u>  </u>	5,510,777	04/23/96	Pilc et al.	340	825.310	<u>  </u>
<u>  </u>	5,513,272	04/30/96	Bogosian, Jr.	382	116	<u>  </u>
<u>  </u>	5,517,605	05/14/96	Wolf	395	155	<u>  </u>
<u>  </u>	5,526,620	06/18/96	Hallsten	52	246	<u>  </u>
<u>  </u>	5,530,852	06/25/96	Meske, Jr. et al.	395	600	<u>  </u>
<u>  </u>	5,533,115	07/02/96	Hollenbach et al.	379	220	<u>  </u>
<u>  </u>	5,534,855	07/09/96	Shockley et al.	340	825.300	<u>  </u>
<u>  </u>	5,537,586	07/16/96	Amram et al.	395	600	<u>  </u>
<u>  </u>	5,542,046	07/30/96	Carlson et al.	395	186	<u>  </u>
<u>  </u>	5,544,255	08/06/96	Smithies et al.	382	119	<u>  </u>
<u>  </u>	5,544,322	08/06/96	Cheng et al.	395	200.12	<u>  </u>
<u>  </u>	5,548,726	08/20/96	Pettus	395	200.09	<u>  </u>
<u>  </u>	5,550,976	08/27/96	Henderson et al.	395	200.06	<u>  </u>
<u>  </u>	5,551,021	08/27/96	Harada et al.	395	600	<u>  </u>
<u>  </u>	5,598,461	01/28/97	Greenberg	379	67	<u>  </u>
<u>  </u>	5,608,786	03/04/97	Gordon	379	100	<u>  </u>
<u>  </u>	5,613,012	03/18/97	Hoffman et al	382	115	<u>  </u>
<u>  </u>	5,623,531	04/22/97	Nilssen	379	56	<u>  </u>
<u>  </u>	5,661,802	08/26/97	Nilssen	380	20	<u>  </u>

EXAMINER

   Cortes

DATE CONSIDERED

   9/22/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MES/002 CON		SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT Michael E. Shanahan		GROUP <u>2686</u>
				FILING DATE June 10, 2003		

<u>12</u>	5,687,227	11/11/97	Cohrs et al.	379	374	
	5,689,825	11/18/97	Averbuch et al.	455	89	
	5,727,047	03/10/98	Bentley et al.	379	93	
	5,796,728	08/18/98	Rondeau et al.	370	338	
	5,828,956	10/27/98	Shirai	455	411	
	5,884,262	03/16/99	Wise et al.	704	270	
	5,915,001	06/22/99	Uppaluru	379	88.22	
	5,926,756	07/20/99	Piosenka et al.	455	418	
	5,930,703	07/27/99	Cairns	455	418	
	5,940,752	08/17/99	Henrick	455	419	
	5,953,638	09/14/99	Flood et al.	455	31.2	
	5,999,094	12/07/99	Nilssen	340	507	
	5,999,599	12/07/99	Schaffer et al.	379	93.23	
	6,002,761	12/14/99	Sremac	379	374	
	6,018,654	01/25/00	Valentine et al.	455	414	
	6,018,656	01/25/00	Shirai	455	422	
	6,035,018	03/07/00	Kaufman	379	88.17	
	6,035,189	03/07/00	Ali-Vehmas et al.	455	414	
	6,058,161	05/02/00	Anderson et al.	379	27	
	6,073,003	06/06/00	Nilssen	455	402	
	6,088,730	07/11/00	Kato et al.	709	227	
	6,094,587	07/25/00	Armanto et al.	455	567	
	6,144,722	11/07/00	Anderson et al.	379	27	
	6,167,130	12/26/00	Rosen	379	355	
	6,167,278	12/26/00	Nilssen	455	462	
	6,179,682	01/30/01	Plain et al.	446	141	
	6,256,378	07/03/01	Iggulden et al.	379	102.3	
<u>13</u>	6,366,791	04/02/02	Lin et al.	455	567	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER- INITIAL		
	PCT Written Opinion	<u>NO DATE LISTED</u>

EXAMINER

DATE CONSIDERED

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MES/002 CON

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Michael E. ShanahanFILING DATE  
June 10, 2003

GROUP

2486

## U.S. PATENT DOCUMENTS

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02	5,479,510	12/26/95	Olsen et al.	380	24	
	5,481,599	01/02/96	MacAllister et al	379	101	
	5,483,580	01/09/96	Brandman et al.	379	88	
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	5,598,461	01/28/97	Greenberg	379	67	
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	5,613,012	03/18/97	Hoffman et al	382	115	
	5,623,531	04/22/97	Nilssen	379	56	
	5,661,802	08/26/97	Nilssen	380	20	

EXAMINER

J. Cook

DATE CONSIDERED

9/22/02

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MES/002 CON

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Michael E. ShanahanFILING DATE  
June 10, 2003

GROUP 2686

5,687,227	11/11/97	Cohrs et al.	379	374	
5,689,825	11/18/97	Averbuch et al.	455	89	
5,727,047	03/10/98	Bentley et al.	379	93	
5,796,728	08/18/98	Rondeau et al.	370	338	
5,828,956	10/27/98	Shirai	455	411	
5,884,262	03/16/99	Wise et al.	704	270	
5,915,001	06/22/99	Uppaluru	379	88.22	
5,926,756	07/20/99	Piosenka et al.	455	418	
5,930,703	07/27/99	Cairns	455	418	
5,940,752	08/17/99	Henrick	455	419	
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6,018,656	01/25/00	Shirai	455	422	
6,035,018	03/07/00	Kaufman	379	88.17	
6,035,189	03/07/00	Ali-Vehmas et al.	455	414	
6,058,161	05/02/00	Anderson et al.	379	27	
6,073,003	06/06/00	Nilsenn	455	402	
6,088,730	07/11/00	Kato et al.	709	227	
6,094,587	07/25/00	Armanto et al.	455	567	
6,144,722	11/07/00	Anderson et al.	379	27	
6,167,130	12/26/00	Rosen	379	355	
6,167,278	12/26/00	Nilssen	455	462	
6,179,682	01/30/01	Plain et al.	446	141	
6,256,378	07/03/01	Iggulden et al.	379	102.3	
6,366,791	04/02/02	Lin et al.	455	567	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER  
INITIAL

PCT Written Opinion

NO DATE LISTED

EXAMINER

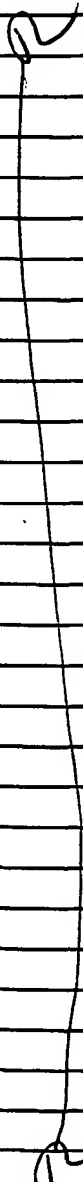
DATE CONSIDERED

7/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANTATTY. DOCKET NO.  
MES/002 CONSERIAL NO.  
10/600,975APPLICANT  
Michael E. ShanahanFILING DATE  
June 20, 2003GROUP  
2684

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,866,766	09/89	Mitzlaff	379	374	_____
	4,868,561	09/89	Davis	340	825.44	_____
	5,414,444	05/95	Britz	345	156	_____
	5,414,751	05/95	Yamada	379	58	_____
	5,452,354	09/95	Kyronlahti et al.	379	375	_____
	5,461,666	10/95	McMahan et al.	379	67	_____
	5,572,571	10/96	Shirai	379	58	_____
	5,583,763	12/96	Atcheson et al.	364	551.01	_____
	5,600,712	02/97	Hanson et al.	379	142.06	_____
	5,606,597	02/97	Newland	379	61	_____
	5,612,682	03/97	DeLuca et al.	340	825	_____
	5,724,411	03/98	Eisdorfer et al.	379	93.23	_____
	5,732,216	03/98	Logan et al.	395	200	_____
	5,799,063	08/98	Krane	379	88.04	_____
	5,835,495	11/98	Ferriere	370	465	_____
	5,842,124	11/98	Kenagy et al.	455	418	_____
	5,870,683	02/99	Wells et al.	455	566	_____
	5,907,604	05/99	Hsu	379	142.06	_____
	5,933,328	08/99	Wallace et al.	361	737	_____
	5,940,775	08/99	Kim	455	567	_____
	5,948,059	09/99	Schulhof et al.	395	200	_____
	5,952,918	09/99	Ohayon	340	539	_____
	5,953,408	09/99	Blanvillain et al.	379	374	_____
	5,987,323	11/99	Huotari	455	433	_____
	6,075,998	06/00	Morishima	455	567	_____
	6,091,947	07/00	Sumner	455	413	_____
6,140,568	10/00	Kohler	84	616	_____	
6,101,242	08/00	McAllister et al.	379	201.02	_____	
6,122,526	09/00	Parluski et al.	455	556	_____	

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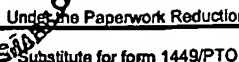
[Handwritten signature: Jy Cortes]

DATE CONSIDERED

9/22/8

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.





**(Use as many sheets as necessary)**

Sheet	1	of	3
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**Complete if Known**

Application Number	10/600,975
Filing Date	JUNE 20, 2003
First Named Inventor	MICHAEL E. SHANAHAN
Art Unit	2581 2484
Examiner Name	CHITRA
Attorney Docket Number	ME1002 CON

## U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
R	—	US- 5,220,420	06-15-1993	Hoarty, et al.	
	—	US- 5,247,347	09-21-1993	Litter, et al.	
	—	US- 5,253,275	10-12-1993	Yurt, et al.	
	—	US- 5,262,275	11-16-1993	Mincer, et al.	
	—	US- 5,341,474	08-23-1994	Gelman, et al	
	—	US- 5,428,606	06-27-1995	Moskowitz	
	—	US- 5,440,336	08-08-1995	Buhro, et al.	
	—	US- 5,442,749	08-15-1995	Northcutt, et al.	
	—	US- 5,508,733	04-16-1996	Kassatly	
	—	US- 5,524,141	06-04-1996	Braun, et al.	
	—	US- 5,528,281	06-18-1996	Grady, et al.	
	—	US- 5,541,917	06-30-1996	Farris	
	—	US- 5,550,557	08-27-1996	Verbiest, et al.	
	—	US- 5,550,578	08-27-1996	Hoarty, et al.	
	—	US- 5,550,863	08-27-1996	Yurt, et al.	
—	US- 5,553,311	09-03-1996	McLaughlin, et al.		
—	US- 5,557,675	09-17-1996	Schupak		
—	US- 5,561,688	10-01-1996	Jones, Jr.		
—	US- 5,563,649	10-08-1996	Gould, et al.		

## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

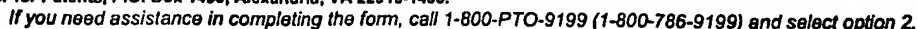
Date  
Considered

9/22/03

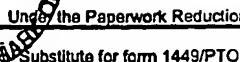
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**







# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 3 of 3

**Complete if Known**

Application Number	10/600,975
Filing Date	JUNE 20, 2003
First Named Inventor	MICHAEL E. SHANAHAN
Art Unit	2681 7690
Examiner Name	
Attorney Docket Number	MES/002CON

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>W Carter</i>
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Date Considered	9/22/08
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